



UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2102475-992010
 First Inventor Nobutaka Kitagawa
 Title IMPEDANCE TRIMMING CIRCUIT
 Express Mail Label No. EV 324950328 US

 15447 U.S.
 10/50836
 06/26/03

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

 Assistant Commissioner for Patents
 Box Patent Application
 P.O. Box 1450
 Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
 (Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
 See 37 CFR 1.27.
3. ☒ Specification [Total Pages: 35]
 (preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table or a computer program listing appendix
 - Background of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
5. Oath or Declaration and Power of Attorney [Total Pages 04] Unsigned
- a. ☐ Newly executed (original)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
 (for continuation/divisional with Box 17 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s)
 named in the prior application, see 37 CFR
 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.78.

7. ☐ CD-ROM or CD-R in duplicate, large table or
 Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
 (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies; or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [Power of Attorney]
 (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS/PTO-1449) [Copies of IDS Citations]
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
 (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
 (b)(2)(B)(i). Applicant must attach form PTO/SB/35
 or its equivalent.
17. ☒ Other: Check No. 539475 (\$750.00)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18 CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

 or ☐ Correspondence address below

| | | | | | |
|---------|---|-----------|--------------|----------|--------------|
| Name | Edward B. Weller | | | | |
| Address | Gray Cary Ware & Freidenrich 26379 1755 Embarcadero Road | | | | |
| City | Palo Alto | State | CA | Zip Code | 94303 |
| Country | US | Telephone | 650/833-2436 | Fax | 650/320-7401 |

| | | | |
|-------------------|--------------------|-----------------------------------|---------------|
| NAME (Print/Type) | Edward B. Weller | Registration No. (Attorney/Agent) | 37,468 |
| Signature | <i>Ed B Weller</i> | Date | June 26, 2003 |

17364-0-3-0-000
NE 106/103

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 750.00**Complete If Known**

| | |
|----------------------|-------------------|
| Application Number | Not yet assigned |
| Filing Date | June 26, 2003 |
| First Named Inventor | Nobutaka Kitagawa |
| Examiner Name | Not yet assigned |
| Art Unit | Not yet assigned |
| Attorney Docket No. | 2102475-992010 |

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ NoneDeposit
Account
Number

07-1896

Deposit
Account
Name

Gray Cary Ware & Freidenrich LLP

The Commissioner is authorized to: (check all that apply)

- ☐ Charge (fees) indicated below. ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 750 | 2001 | 375 | Utility filing fee | 750.00 |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$) 750.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims | | Extra Claims | | Fee from below | | Fee Paid |
|--------------------|----------|--------------|---|----------------|---|----------|
| | | | | | | |
| 11 | -20*** = | 0 | X | 18 | = | 0 |
| 01 | -03** = | 0 | X | 84 | = | 0 |
| Independent Claims | | | | | | |
| Multiple Dependent | | | X | | = | |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | 0 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 | 0 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid | |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(g) | |
| 1808 | 180 | 1808 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0**SUBMITTED BY**

| | | | | | |
|-------------------|----------------------|-----------------------------------|---------------|-----------|--------------|
| Name (Print/Type) | EDWARD WELLER | Registration No. (Attorney/Agent) | 37,468 | Telephone | 650-320-2436 |
| Signature | <i>Edward Weller</i> | Date | June 26, 2003 | | |

Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Gray Cary/EM7144783.1

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

07/02/2003 SSITHIB1 00000011 10608364

01 FC:1001

750.00 OP

Adjustment dates 11/20/2003 TLUU11

07/02/2003 SSITHIB1 00000011 10608364

01 FC:1001

-750.00 OP

11/20/2003 TLUU11 00000008 10608364

01 FC:2001

375.00 OP

Repln. Ref: 11/20/2003 TLUU11 0012370900

DA: 071896 Name/Number: 10608364

FC: 9204

\$375.00 CR

PTO-1556
(5/87)